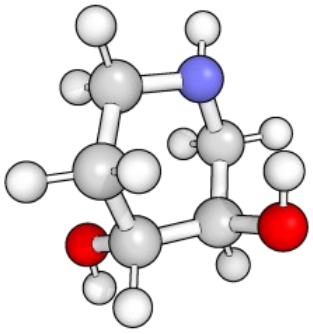
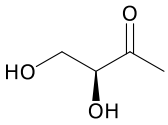
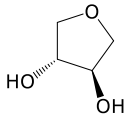
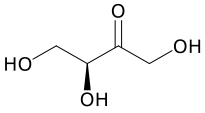
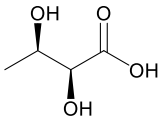
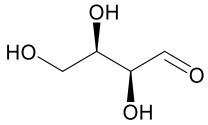
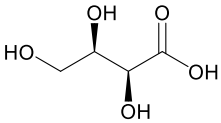
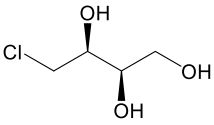
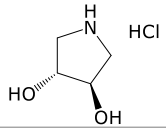
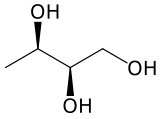
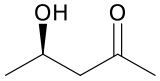
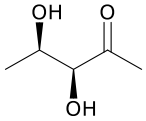
Lock & Key Biosciences GmbH

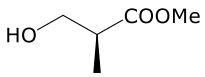
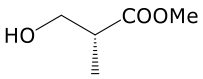
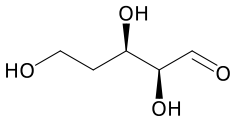
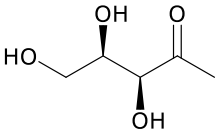
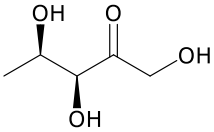
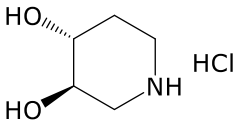
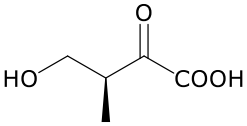
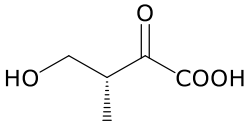
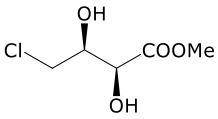
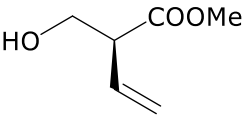
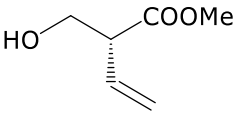
Unlock your Chemistry with Inventive Biology



Chiral molecules

10th May 2020

Code	Structure	IUPAC Name	Trivial Name	Formula	MW
LKB-C4H8O3-1		(S)-3,4-dihydroxybutan-2-one	1-deoxy-L-erythrulose	C4H8O3	104.1
LKB-C4H8O3-2		(3R,4R)-tetrahydrofuran-3,4-diol	1,4-anhydro-D-threitol	C4H8O3	104.1
LKB-C4H8O4-1		(S)-1,3,4-trihydroxybutan-2-one	L-erythrulose	C4H8O4	120.1
LKB-C4H8O4-2		(2S,3R)-2,3-dihydroxybutanoic acid	(2R,3S)-2,3-dihydroxybutyric acid	C4H8O4	120.1
LKB-C4H8O4-3		(2S,3R)-2,3,4-trihydroxybutanal	D-threose	C4H8O4	120.1
LKB-C4H8O5-1		(2S,3R)-2,3,4-trihydroxybutanoic acid	D-threonic acid	C4H8O5	136.1
LKB-C4H9ClO3-1		(2R,3S)-4-chlorobutane-1,2,3-triol	-	C4H9ClO3	140.6
LKB-C4H10ClNO2-1		(3R,4R)-pyrrolidine-3,4-diol hydrochloride	trans-3,4-dihydroxypyrrolidine hydrochloride	C4H10ClNO2	139.6
LKB-C4H10O3-1		(2R,3R)-butane-1,2,3-triol	-	C4H10O3	106.1
LKB-C5H10O2-1		(R)-4-hydroxypentan-2-one	-	C5H10O2	102.1
LKB-C5H10O3-1		(3S,4R)-3,4-dihydroxypentan-2-one	-	C5H10O3	118.1

Code	Structure	IUPAC Name	Trivial Name	Formula	MW
LKB-C5H10O3-2		methyl (S)-3-hydroxy-2-methylpropanoate	Roche ester, (S)	C5H10O3	118.1
LKB-C5H10O3-3		methyl (R)-3-hydroxy-2-methylpropanoate	Roche ester, (R)	C5H10O3	118.1
LKB-C5H10O4-1		(2S,3R)-2,3,5-trihydroxypentanal	-	C5H10O4	134.1
LKB-C5H10O4-2		(3S,4R)-3,4,5-trihydroxypentan-2-one	1-deoxy-D-xylulose	C5H10O4	134.1
LKB-C5H10O4-3		(3S,4R)-1,3,4-trihydroxypentan-2-one	5-deoxy-D-xylulose	C5H10O4	134.1
LKB-C5H12ClNO2-1		(3R,4R)-piperidine-3,4-diol hydrochloride	-	C5H12ClNO2	153.6
LKB-C5H8O4-1		(S)-4-hydroxy-3-methyl-2-oxobutanoic acid	-	C5H8O4	132.1
LKB-C5H8O4-2		(R)-4-hydroxy-3-methyl-2-oxobutanoic acid	-	C5H8O4	132.1
LKB-C5H9ClO4-1		methyl (2S,3S)-4-chloro-2,3-dihydroxybutanoate		C5H9ClO4	168.6
LKB-C6H10O3-1		methyl (S)-2-(hydroxymethyl)but-3-enoate	-	C6H10O3	130.1
LKB-C6H10O3-2		methyl (R)-2-(hydroxymethyl)but-3-enoate	-	C6H10O3	130.1

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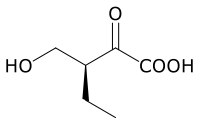
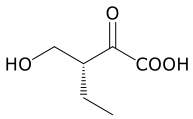
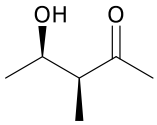
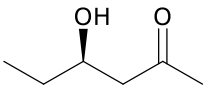
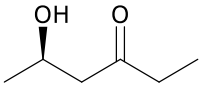
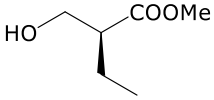
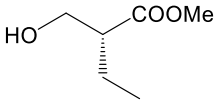
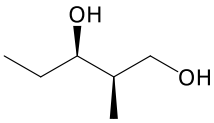
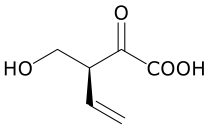
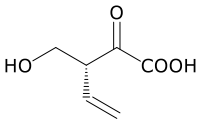
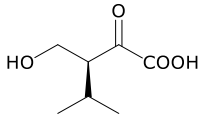
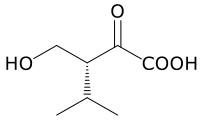
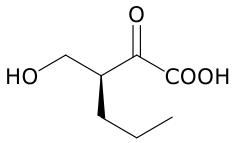
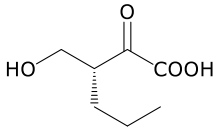
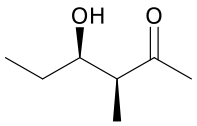
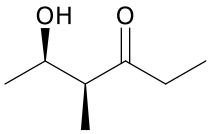
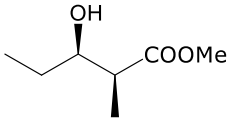
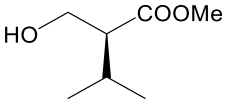
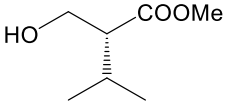
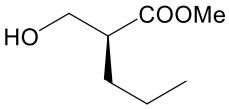
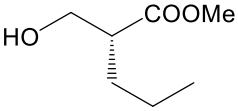
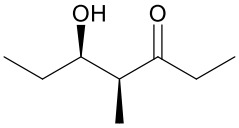
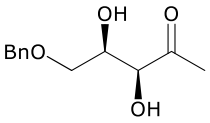
LKB-C6H10O4-1		(S)-3-(hydroxymethyl)-2-oxopentanoic acid	-	C6H10O4	146.1
LKB-C6H10O4-2		(R)-3-(hydroxymethyl)-2-oxopentanoic acid	-	C6H10O4	146.1
LKB-C6H12O2-1		(3S,4R)-4-hydroxy-3-methylpentan-2-one	-	C6H12O2	116.2
LKB-C6H12O2-2		(R)-4-hydroxyhexan-2-one	-	C6H12O2	116.2
LKB-C6H12O2-3		(R)-5-hydroxyhexan-3-one	-	C6H12O2	116.2
LKB-C6H12O3-1		methyl (S)-2-(hydroxymethyl)butanoate	-	C6H12O3	132.2
LKB-C6H12O3-2		methyl (R)-2-(hydroxymethyl)butanoate	-	C6H12O3	132.2
LKB-C6H14O2-1		(2R,3R)-2-methylpentane-1,3-diol	-	C6H14O2	118.2
LKB-C6H8O4-1		(S)-3-(hydroxymethyl)-2-oxopent-4-enoic acid	-	C6H8O4	144.1
LKB-C6H8O4-2		(R)-3-(hydroxymethyl)-2-oxopent-4-enoic acid	-	C6H8O4	144.1
LKB-C7H12O4-1		(S)-3-(hydroxymethyl)-4-methyl-2-oxopentanoic acid	-	C7H12O4	160.2
LKB-C7H12O4-2		(R)-3-(hydroxymethyl)-4-methyl-2-oxopentanoic acid	-	C7H12O4	160.2

Code	Structure	IUPAC Name	Trivial Name	Formula	MW
LKB-C7H12O4-3		(S)-3-(hydroxymethyl)-2-oxohexanoic acid	-	C7H12O4	160.2
LKB-C7H12O4-4		(R)-3-(hydroxymethyl)-2-oxohexanoic acid	-	C7H12O4	160.2
LKB-C7H14O2-1		(3S,4R)-4-hydroxy-3-methylhexan-2-one	-	C7H14O2	130.2
LKB-C7H14O2-2		(4S,5R)-5-hydroxy-4-methylhexan-3-one	-	C7H14O2	130.2
LKB-C7H14O3-1		methyl (2S,3R)-3-hydroxy-2-methylpentanoate	-	C7H14O3	146.2
LKB-C7H14O3-2		methyl (S)-2-(hydroxymethyl)-3-methylbutanoate	-	C7H14O3	146.2
LKB-C7H14O3-3		methyl (R)-2-(hydroxymethyl)-3-methylbutanoate	-	C7H14O3	146.2
LKB-C7H14O3-4		methyl (S)-2-(hydroxymethyl)pentanoate	-	C7H14O3	146.2
LKB-C7H14O3-5		methyl (R)-2-(hydroxymethyl)pentanoate	-	C7H14O3	146.2
LKB-C8H16O2-1		(4S,5R)-5-hydroxy-4-methylheptan-3-one	-	C8H16O2	144.2
LKB-C12H16O4-1		(3S,4R)-5-(benzyloxy)-3,4-dihydroxypentan-2-one	-	C12H16O4	144.2